

IMPORTANT-Below is a checklist based on common deficiencies found in past 2-C applications completed by Steam-Electric Power Plants:

TESTING INFORMATION

- ❑ **Sampling Requirements**-You must provide at least one sample result for 1) every pollutant in Part V.A. 2) every pollutant in Part V.B. that is “Believed Present” and 3) every pollutant in Part V.C. that is either “Believe Present” or “Testing Required”.
- ❑ **Appropriate Test Methods and Detection Limits**-In order for a zero value to be used in the toxicity screening for a pollutants tested, a “Non Detect” value must have been achieved with the appropriate EPA test method and detection limit. The appropriate test method is considered the test method with the lowest MQL specified for that pollutant in the State of Mississippi Wastewater Regulations (WPC-1). An EPA approved equivalent test method may be used if the MQL is equal to or less than the MQL specified in the wastewater regulations (WPC-1). For test methods (other than the test methods described above) that yield a “Non-Detect” value, the detection limit (instead of zero) will be used in the toxicity screening (unless approval is granted from MDEQ prior to sampling).
- ❑ **Pesticide Testing**-The pesticide fraction is not required for Steam-Electric Power Plants if the pesticide is indicated on the application as “Believed Absent”.
- ❑ **Base/Neutral Testing**-The Base/Neutral fraction is not required for Once-Through Cooling Water, Fly Ash and Bottom Ash Transport process wastewater from Steam-Electric Power Plants if the base/neutral is indicated on the application as “Believed Absent”.
- ❑ **Bis (2-Ethyl-Hexyl) Phthalate Testing**- Bis (2-Ethyl-Hexyl) Phthalate is known to be a cross contaminant of plastic materials. You should consult with your laboratory to ensure that the appropriate collection method is used in order to eliminate cross contamination.
- ❑ **Mercury Testing**-Test Method 1631 should be used for Mercury testing.
- ❑ **Internal Outfalls**-Internal outfalls must be sampled and the results included in addition to the external outfalls.
- ❑ **Temperature Requirements**-Both Summer and Winter temperature data must be completed in the application.

APPLICATION INFORMATION

- ❑ **Long Term Average**-Long Term Average and Maximum 30-Day values should be included in the application if data is available. Representative data from the past 3 years may be utilized.
- ❑ **Number of Analysis**-Always complete “Number of Analysis” for all pollutants that were tested.
- ❑ **Process Description**-A process description should be provided with the line schematic.
- ❑ **Signature Requirements**-If a person with a Job Title other than President or Vice-President signs the applications, you should confirm that the person meets the signature requirements listed in Chapter I, Part II.C. of the State of Mississippi Wastewater Regulations (WPC-1). All applications must be signed.

ADDITIONAL INFORMATION

- ❑ **MSDS Sheets**-The MSDS sheets of chemical additives that will be added to the water should be submitted.
- ❑ **Addendum**-An addendum should be added to the application that addresses the following: 1) if any of the chemicals listed on Page 2C-3 of the application instructions are used or manufactured in relation to the dioxin exemption, 2) the maximum rated power of the power plant in megawatts, 3) the disposal of hydrostatic test water, chemical metal cleaning wastewater and sanitary wastewater if these wastestreams are not listed in the application 4) the source of the make-up water and 5) the type of fuel used for power generation.
- ❑ **Submittal of Lab Data**-A copy of the laboratory data that provides the test methods and corresponding detection limits must be submitted with the application.
- ❑ **Antidegradation Review**-Any new source or modification of an existing outfall with increases of pollutants requires an Antidegradation Review be submitted as part of the application submittal.